(ग) बायोगैस और धुआं रहित चूल्हों की केन्द्रीय योजनाएं राज्य के सभी जिलों में कार्यान्वित की जा रही हैं । वर्ष 1993-94 के लिए प्रगति और वर्ष 1994-95 के लिए योजना निम्न प्रकार है :—

| कार्यक्रम | लक्ष्य 1993–94 | 1993–94 के दौरान उपलब्धि (फरवरी, 94 तक) | लक्ष्य 1994–95 (अस्थायी) |
|---|---|---|---|
| परिवार आकार के बायोगैस संयंत्र | 12500 | 14562 | 15000 |
| सामुदायिक/संस्थागत बायोगैस संयंत्र | 15 | 8 | 10 |
| धुंआं रहित चूल्हे | 2 लाख | 1.94 लाख | 3 लाख |

(घ) वर्ष 1993–94 के दौरान बायोगैस और धूआं रहित चूल्हा कार्यक्रमों के कार्यान्वय के लिए गुजरात सरकार को 15.52 करोड़ रुपय की राशि जारी की गई थी। (राशियां राज्यों को आवंटित वास्तविक लक्ष्यों के अनुसार जारी की जाती है) । चालू वर्ष 1994–95 में अब तक कोई राशियां जारी नहीं की गई है ।

**Solar Energy in Kutch-Saurashtra Region**

4987. SHRI CHIMANBHAI HARIBHAI SHUKLA : Will the PRIME MINISTER be pleased to state :

(a) whether Government propose to enhance production capacity of electricity from solar energy in Kutch-Saurashtra region;

(b) if so, whether any survey has been conducted in this regard; and

(c) if so, the details thereof ?

THE MINISTER OF STATE IN THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES (SHRI S. KRISHNA KUMAR) : (a) to (c) Solar energy can be used for producing electricity through thermal or solar photovoltaic routes. An initial proposed was received from the Gujarat Energy Development Agency (GEDA) for setting up a 30 MW solar thermal power project near Bhuj in Kutch district of Gujarat. Generation of power through the solar thermal route is a new technology which is site specific, capital intensive and depends upon various other techno-economic factors. The request of GEDA was exmained alongwith other proposals and was not found favourable for the first R&D project. However, use of solar photovoltaic technology for decentralised electricity applications such as lighting, community facilities, water pumping etc. has already been initiated in Kutch and other parts of Saurashtra region of the State.

**Solar Thermal Systems Purchased and its Functioning**

4988. SHRI PRAMOD MAHAJAN :
SHRI VIREN J. SHAH :

Will the PRIME MINISTER be pleased to state :

(a) how many solar thermal systems have been purchased and installed so far State-wise and at what cost;